

# BEST AVAILABLE COPY

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No. 1751 P. 1

PTO/SB/21 (09-04)

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<b>TRANSMITTAL FORM</b>  <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/758,996 <b>966 7P</b>	<b>RECEIVED</b> <b>GENERAL FAX CENTER</b> <b>JUN 23 2006</b>
	Filing Date	January 16, 2004	
	First Named Inventor	Diane K. Stewart	
	Art Unit	1763	
	Examiner Name	Allan W. Olsen	
Total Number of Pages in This Submission	38	Attorney Docket Number	F125

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Law Office of Michael O. Scheinberg		
Signature			
Printed name	Michael O. Scheinberg		
Date	6/23/06	Reg. No.	36,919

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:		
Signature		
Typed or printed name	Margarita Marquez-Escalona	Date
		06/23/06

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PTO/SB/17 (12-04v2)

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Effective on 12/09/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)  
180.00**Complete if Known**

Application Number	10/758,000 966 PP
Filing Date	January 16, 2004
First Named Inventor	Diane K. Stewart et al.
Examiner Name	Allan W. Olsen
Art Unit	1763
Attorney Docket No.	F125

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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	30	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

  

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	=	

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	=	

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Information Disclosure Statement

\$180.00

**SUBMITTED BY**

Signature	<i>Michael O. Scheinberg</i>	Registration No.	36,919	Telephone (512) 328-8510
Name (Print/Type)	Michael O. Scheinberg	(Attorney/Agent)		Date 6/23/06

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 180.00**Complete if Known**

Application Number	10/758,990 <b>966 PF</b>
Filing Date	January 18, 2004
First Named Inventor	Diane K. Stewart et al.
Examiner Name	Allan W. Olsen
Art Unit	1763
Attorney Docket No.	F125

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**METHOD OF PAYMENT (check all that apply)**☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 50-1635 Deposit Account Name: Michael O. Scheinberg

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☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

Fee (\$)	Small Entity Fee (\$)
50	25

Each independent claim over 3 (including Reissues)

200	100
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Multiple dependent claims

360	180
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Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	=	

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	=	

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Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

**Fees Paid (\$)**

Other (e.g., late filing surcharge): Information Disclosure Statement \$180.00

**SUBMITTED BY**

Signature	<i>Michael O. Scheinberg</i>	Registration No. (Attorney/Agent)	36,919	Telephone (512) 328-9510
Name (Print/Type)	Michael O. Scheinberg	Date	6/23/06	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1450.

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Attorney Docket No.: F125

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.: 10/758,966  
APPLICANT(S): Diane K. Stewart et al.  
FILING DATE: January 16, 2004  
TITLE: Electron Beam for Mask Repair

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Pursuant to the guidelines for Information Disclosure Statements, 37 C.F.R. §§ 1.97-1.98, attached hereto is form PTO SB08A and PRO SB08B with references listed for consideration by the Office. Copies of cited US patents are not provided in accordance with the waiver published in the August 5, 2003 Official Gazette. In accordance with 37 C.F.R. § 1.98(a), copies of the listed written references are being provided.

In accordance with 37 C.F.R. §§ 1.97(g)-(h), the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made or an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

**CERTIFICATE OF FACSIMILE UNDER 37 C.F.R. 1.8**

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Date: June 23, 2006

By: Margarita Marquez  
Name: Margarita Marquez-Escalona  
Telephone: (512) 328-9510

06/26/2006 MBINAS 00000034 10758966

01 FC:1806

180.00 OP

*Attorney Docket No. F125*

Respectfully submitted,

Date: 6/23/06

By: 

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Austin, Texas 78716-4140  
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Facsimile: (512) 306-1963

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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/758,966
		Filing Date	January 16, 2004
		First Named Inventor	Diane K. Stewart et al.
		Art Unit	1763
		Examiner Name	Allan O. Olsen
Sheet 1 of 2	Attorney Docket Number	F125	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A	US- 6,753,538	06/2004	Musil et al.	
	B	US- 4,639,301	01/1987	Doherty et al.	
	C	US- 5,104,684	04/1992	Tao et al.	
	D	US- 5,149,974	09/1992	Kirch et al.	
	E	US- 5,435,850	07/1995	Rasmussen	
	F	US- 5,851,413	12/1998	Casella et al.	
	G	US- 6,042,738	03/2000	Casey et al.	
	H	US- 6,159,641	12/2000	Baum et al.	
	I	US- 6,368,753	04/2002	Harnott et al.	
	J	US- 6,440,615	08/2002	Shimizu	
	K	US- 6,709,554	03/2004	Ferranti et al.	
	L	US-			
	M	US-			
	N	US-			
	O	US-			
	P	US-			
	Q	US-			
	R	US-			
	S	US-			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
	T				
	U				
	V				
	W				
	X				
	Y				

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

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PTO/SB/09B (07-05)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10758996 966 7P
Filing Date	January 16, 2004
First Named Inventor	Diane K. Stewart et al.
Art Unit	1783
Examiner Name	Allan W. Olsen
Attorney Docket Number	F125

Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A	"Direct Writing onto Si by Electron Beam Stimulated Etching" Appl. Phys. Lett vol. 51, No. 19 (1987)	
	B	KOHLMANN-VON PLATENT and W. H. BRUENGER "Electron-Beam Induced Etching of Resist with Water Vapor as the Etching Medium" Journal of Vacuum Science and Technology B vol. 14, No. 6 (1996)	
	C	H FUJIOKA et al. "Measurements f the Energy Dependence of Electron Beam Assisted Etching of and Deposition on Silica" IOP Publishing Ltd. pp.267-268 (1990)	
	D	D. WINKLER et al. " Electron-Beam Induced Etching Integrated Into an E-Beam Probe Station" 20th International Symposium for Testing and Failure Analysis Nov. 13-18, 1994, pp, 19-22	
	E	Shinji Matsui, et al. "Electron Beam Induced Selective Etching and Deposition Technology" Journal of Vacuum Science and Technology B, vo. 7, No. 5 (1989)	
	F	DIETER WINKLER et al. "E-Beam Probe Station with Integrated Tool for Electron Beam Induced Etching" Microelectronic Engineering 31, pp 141-147(1996)	
	G		
	H		
	I		
	J		

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 808. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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